

Title (en)
COMBUSTION-CONTROLLING METHOD OF FUEL WITH A HIGHLY VARIABLE CALORIFIC VALUE

Publication
EP 0317731 B1 19920603 (DE)

Application
EP 88115680 A 19880923

Priority
DE 3736067 A 19871024

Abstract (en)
[origin: EP0317731A1] In the operation of a refuse incinerator, the parameters affecting the combustion process are measured as a function of the water content of the refuse, the water content preferably being determined by means of a radiation receiver with downstream evaluation circuits responding to H₂O bands in the spectrum. Evaluation of the spectra over a plurality of zones of the grate allows the air supply and the reduction of pollutants to be optimised. <IMAGE>

IPC 1-7
F23G 5/50; **F23N 5/00**

IPC 8 full level
F23G 5/50 (2006.01); **F23N 5/00** (2006.01); **F23N 5/08** (2006.01)

CPC (source: EP US)
F23G 5/50 (2013.01 - EP US); **F23N 5/003** (2013.01 - EP US); **F23G 2207/104** (2013.01 - EP US); **F23G 2207/20** (2013.01 - EP US); **F23G 2207/30** (2013.01 - EP US); **F23L 2900/07003** (2013.01 - EP US); **F23N 5/08** (2013.01 - EP US); **F23N 2221/08** (2020.01 - EP US); **F23N 2221/12** (2020.01 - EP US); **F23N 2225/04** (2020.01 - EP US); **F23N 2225/26** (2020.01 - EP US); **F23N 2241/18** (2020.01 - EP US)

Cited by
EP1046861A1; DE4301082A1; AT402555B; DE4344906A1; DE19919222C1; DE4308055A1; EP0352620A3; DE3825931A1; DE102007055168A1; EP0718553A1; EP1048900A1; WO2013107509A1; US12000587B2; EP0612961B1; WO2020252513A1; WO2009065726A1

Designated contracting state (EPC)
AT BE DE ES GB NL

DOCDB simple family (publication)
EP 0317731 A1 19890531; **EP 0317731 B1 19920603**; AT E76957 T1 19920615; DE 3871729 D1 19920709; ES 2031563 T3 19921216; IN 171926 B 19930206; PT 88803 A 19890731; PT 88803 B 19940131; US 4895082 A 19900123; US 4984524 A 19910115

DOCDB simple family (application)
EP 88115680 A 19880923; AT 88115680 T 19880923; DE 3871729 T 19880923; ES 88115680 T 19880923; IN 679MA1988 A 19880929; PT 8880388 A 19881020; US 26151488 A 19881024; US 41627089 A 19891002